
Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)

217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=2; day=15; hr=12; min=18; sec=18; ms=279;]

Reviewer Comments:

<400> 3

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1 5 10 15

Trp Met Pro Tyr Ser Asn Gly Arg Pro Ala Leu His Ala Cys Gln

20 25 30

Please remove the blank line between the amino acids and their respective numbers above. This error appears in subsequent amino acid sequences. Also, please remove the blank lines between rows of nucleotides (this appears in subsequent sequences).

(end of Sequence 86)

ttttatttta tttattttt gatggagtct tgcactccag cctggtgaca gact 1

1914

PF-1506 PCT

1/94

WASH_1695548.1

Please remove the above three lines of text, which appear at the end of the submitted file.

Validated By CRFValidator v 1.0.3

Application No: 10554917 Version No: 1.0

Input Set:

Output Set:

Started: 2008-02-14 12:58:35.910

Finished: 2008-02-14 12:58:45.206

Elapsed: 0 hr(s) 0 min(s) 9 sec(s) 296 ms

Total Warnings: 4

Total Errors: 58

No. of SeqIDs Defined: 86

Actual SeqID Count: 86

Error code		Error Description
E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (3)
E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (5)
E	355	Empty lines found between the amino acid numbering and the
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E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (9)
E	355	Empty lines found between the amino acid numbering and the
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E	355	Empty lines found between the amino acid numbering and the
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E	355	Empty lines found between the amino acid numbering and the
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E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (13)
E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (15)
E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (16)

Input Set:

Output Set:

Started: 2008-02-14 12:58:35.910 **Finished:** 2008-02-14 12:58:45.206

Elapsed: 0 hr(s) 0 min(s) 9 sec(s) 296 ms

Total Warnings: 4

Total Errors: 58

No. of SeqIDs Defined: 86

Actual SeqID Count: 86

Error code		Error Description
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E	355	Empty lines found between the amino acid numbering and the
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Ε	355	Empty lines found between the amino acid numbering and the
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E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (24)
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E	355	Empty lines found between the amino acid numbering and the
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E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (28)
E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (29)
E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (31)
Ε	355	Empty lines found between the amino acid numbering and the proteins
E	321	No. of Bases conflict, this line has no nucleotides SEQID (31) POS (915)
E	330	Invalid protein , found in SEQID(86) POS (1) Invalid Protein:PCT

Input Set:

Output Set:

Started: 2008-02-14 12:58:35.910 **Finished:** 2008-02-14 12:58:45.206

Elapsed: 0 hr(s) 0 min(s) 9 sec(s) 296 ms

Total Warnings: 4

Total Errors: 58

No. of SeqIDs Defined: 86

Actual SeqID Count: 86

Error code		Error Description
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W	112	Upper case found in data; Found at position(1915) SeqId(86)
W	112	Upper case found in data; Found at position(1916) SeqId(86)
W	112	Upper case found in data; Found at position(1917) SeqId(86)
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Ε	259	Found undefined lettercode; POS (1920) SEQID(86)
E	259	Found undefined lettercode; POS (1921) SEQID(86)
E	259	Found undefined lettercode; POS (1922) SEQID(86)
E	259	Found undefined lettercode; POS (1923) SEQID(86)
E	259	Found undefined lettercode; POS (1924) SEQID(86)
E	259	Found undefined lettercode; POS (1925) SEQID(86)
E	259	Found undefined lettercode; POS (1926) SEQID(86)
E	259	Found undefined lettercode; POS (1927) SEQID(86)
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E	253	The number of bases differs from <211> Input: 1914 Calculated:1927 SEQID (86)

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<110> INCYTE CORPORATION; ELLIOTT, Vicki S.;
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      MARQUIS, Joseph P.; SWARNAKAR, Anita;
      HAFALIAL, April J.A.; BECHA, Shanya D.;
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275

280

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Gly Leu Pro Ala Arg Gly Lys Thr Tyr Ile Ser Lys Lys Leu Thr
Arg Tyr Leu Asn Trp Ile Gly Val Pro Thr Arg Glu Phe Asn Val
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Gly Gln Tyr Arg Arg Asp Val Val Lys Thr Tyr Lys Ser Phe Glu
Phe Phe Leu Pro Asp Asn Glu Glu Gly Leu Lys Ile Arg Lys Gln
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Ala Ala Asn Ile Val Gln Val Lys Leu Gly Ser Pro Asp Tyr Val
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200

215

245

2.60

290

2.5

40

55

70

85

100

130

145

175

190

205

220

250

265

295

310

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Tyr Leu Met Asn Ile His Val Thr Pro Arg Ser Ile Tyr Leu Cys

Arg His Gly Glu Ser Glu Leu Asn Leu Lys Gly Arg Ile Gly Gly

Asp Pro Gly Leu Ser Pro Arg Gly Arg Glu Phe Ala Lys Ser Leu

Ala Gln Phe Ile Ser Asp Gln Asn Ile Lys Asp Leu Lys Val Trp

Thr Ser Gln Met Lys Arg Thr Ile Gln Thr Ala Glu Ala Leu Gly

Val Pro Tyr Glu Gln Trp Lys Val Leu Asn Glu Ile Asp Ala Ser

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Arg	Cys	Leu	Leu		Tyr	Phe	Leu	Asp		Ala	Ala	Glu	Gln	
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Pro	Tyr	Leu	Lys	_	Pro	Leu	His	Thr		Leu	Lys	Leu	Thr	
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vai	1110	-1-	011	395	L 10	V 44 1	014	001	400	1110	Lou	11011	vai	405
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Cys Met Gln Gly Arg Thr Met Tyr Val Leu Pro Phe Ser Met Gly

Pro Val Gly Ser Pro Leu Ser Arg Ile Gly Val Gln Leu Thr Asp

Ser Ala Tyr Val Val Ala Ser Met Arg Ile Met Thr Arg Leu Gly

Thr Pro Val Leu Gln Ala Leu Gly Asp Gly Asp Phe Val Lys Cys

Leu His Ser Val Gly Gln Pro Leu Thr Gly Gln Asp Pro Gly His

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170

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215

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220

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Lys Asp Val His Asn Tyr Leu Ser His Glu Glu Gly His Val Ala
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Asn	Ile	His	Val		Pro	Arg	Ser	Ile	_	Leu	Cys	Arg	His	_
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GIU	ser	GIU	Leu	200	ile	Arg	GIĀ	Arg	205	GIĀ	GIY	Asp	ser	=
T 011	Sor	Val.	Arg		Tuc	Gln	Тик	Λla		713	T 011	712	7 an	210 Pho
ьеи	Set	vai	AIG	215	пуъ	GIII	тут	AIA	220	AIA	ьец	AIA	ASII	225
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vai	1100	1119	СуБ	335	шец	IIIG	- <u>y</u> -	1110	340	1150	шуы	DCI	DCI	345
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Thr	Pro	Val	Ala		Gly	Cys	Lys	Val		Ser	Ile	Tyr	Leu	
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Gly Lys	Thr	Tyr	Ile	Ser	Thr	Lys	Leu	Thr	Arg	Tyr	Leu	Asn	Trp
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Ile Gly	Thr	Pro	Thr	Lys	Asp	Asn	Met	Glu	Ala	Leu	Gln	Ile	Arg
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Lys Glr	n Cys	Ala	Leu	Ala	Ala	Leu	Lys	Asp	Val	His	Asn	Tyr	Leu
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Ser His	Glu	Glu	Gly	His	Val	Ala	Val	Phe	Asp	Ala	Thr	Asn	Thr
			80					85					90
Thr Arc	ß Glu	Arg	Arg	Ser	Leu	Ile	Leu	Gln	Phe	Ala	Lys	Glu	His
			95					100					105
Gly Tyr	Lys	Val	Phe	Phe	Ile	Glu	Ser	Ile	Суз	Asn	Asp	Pro	Gly
			110					115					120
Ile Ile	e Ala	Glu		Ile	Arg	Gln	Val		Leu	Gly	Ser	Pro	
			125					130					135
Tyr Ile	Asp	Cys	-	Arg	Glu	Lys	Val		Glu	Asp	Phe	Leu	_
1	~ 1	~	140	6. 1	1	_	_	145	_	_	_	~ 1	150
Arg Ile	GLu	Cys	_	GLu	Val	Asn	Tyr		Pro	Leu	Asp	Glu	
T 7		TT 2	155	G	m	T1-	T	160	DI	7	77-7	G1	165
Leu Asp	ser	нтз	170	ser	ıyr	TTe	гуз	175	Pne	Asp	Val	GIY	180
Arg Tyr	Mot	77 - 1		7 ra	77-1	Cln	7 cn		т10	Cln	Sor	7 ra	
AIG IYI	. Met	vai	185	AIG	vai	GIII	Asp	190	TIE	GIII	Ser	AIG	195
Val Tyr	Tur	T.011		Δan	Tlo	Hic	Val		Pro	Δrα	Sar	Tlo	
var ryr	. <u>- y</u> -	шец	200	11011	110	1110	vai	205	110	1119	DCI	110	210
Leu Cys	: Ara	His		Glu	Ser	Glu	Leu		Tle	Ara	Glv	Ara	Ile
1-	9		215					220		9	1	9	225
Gly Gly	/ Asp	Ser		Leu	Ser	Val	Arq		Lys	Gln	Tyr	Ala	
	-		230				_	235	-		-		240
Ala Leu	ı Ala	Asn	Phe	Ile	Gln	Ser	Gln	Gly	Ile	Ser	Ser	Leu	Lys
			245					250					255
Val Trp	Thr	Ser	His	Met	Lys	Arg	Thr	Ile	Gln	Thr	Ala	Glu	Ala
			260					265					270
Leu Gly	v Val	Pro	Tyr	Glu	Gln	Trp	Lys	Ala	Leu	Asn	Glu	Ile	Asp
			275					280					285
Ala Gly	v Val	Cys	Glu	Glu	Met	Thr	Tyr	Glu	Glu	Ile	Arg	Glu	His
			290					295					300
Tyr Pro	Glu	Glu	Phe	Ala	Leu	Arg	Asp	Gln	Asp	Lys	Tyr	Arg	Tyr
			305					310					315
Arg Tyr	Pro	Lys		Glu	Ser	Tyr	Glu		Leu	Val	Gln	Arg	
			320		_			325					330
Glu Pro	val	Ile	Met	Glu	Leu	Glu							